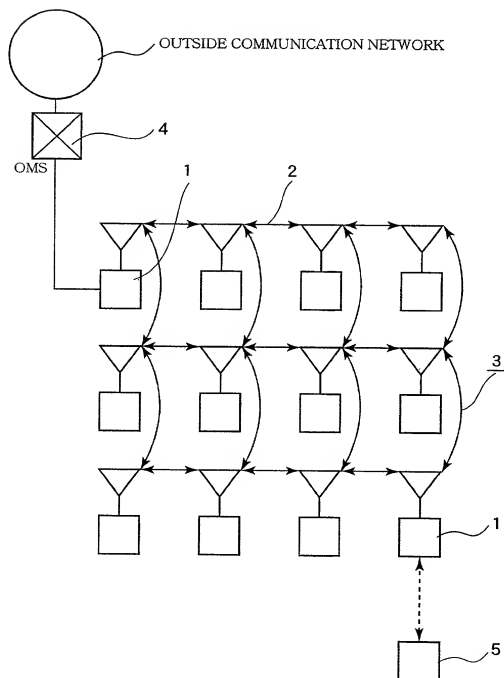
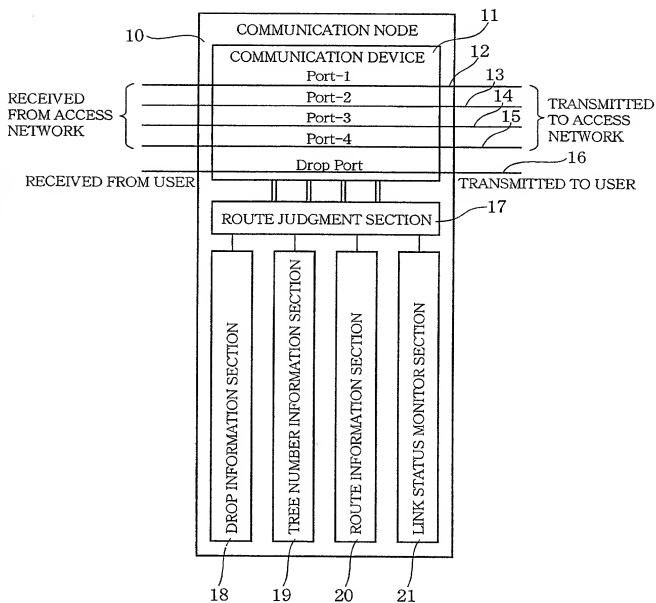


FIG.1



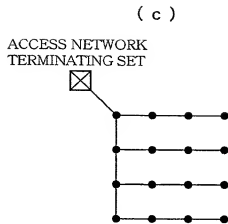
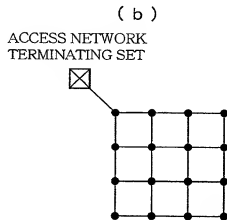
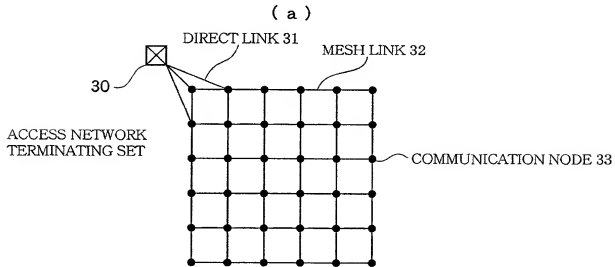
10035509-102501

FIG.2

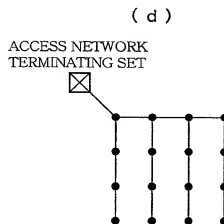


105201-6055001

FIG.3

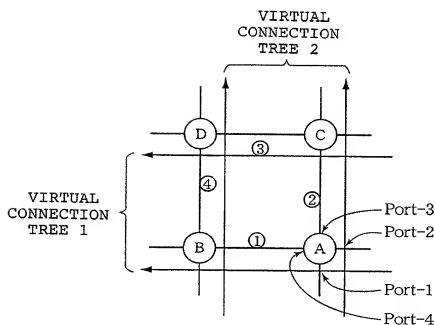


VIRTUAL CONNECTION TREE①



VIRTUAL CONNECTION TREE②

FIG.4



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FIG.5

Tree-ID	PRIN		MNID BELONGING TO LOWER POSITION (LOWER POSITION MNID)	REMARKS
	UPPER POSITION SIDE	LOWER POSITION SIDE		
1	4	2	3,4,8,14,15	UPPER POSITION PRIN IS ONE ONLY FOR EACH TREE. HOWEVER, LOWER POSITION PRIN AND LOWER POSITION MNID MAY EXIST IN PLURALITIES.
2	3	1	5,8,18,19	

105201-6055001

FIG.6

(a)

PRTN	LINK CONDITION	REMARKS
#1	Enable	
#2	Enable	
#3	Enable	
#4	Enable	

(b)

PRTN	LINK CONDITION	REMARKS
#1	Enable	
#2	Enable	
#3	Enable	
#4	Dissable	

10035509.102501

FIG.7

Tree-ID	DESTINATION MNID (OMSID)	OWN STATION MNID	User-ID	REMARKS
4	1001	35	1	1) IN THE PRESENT SYSTEM, IT IS POSSIBLE TO ALLOT CONVENIENTLY A PLURALITY OF OMSIDS FOR THE PURPOSE OF INCREASING THE NUMBER OF USER-IDS WHICH CAN BE ALLOTTED TO ONE PIECE OF OMS.
3			2	
2			3	
2			4	
5			5	
1			6	
1	1002	261	1	2) IN THE PRESENT SYSTEM, IT IS POSSIBLE TO ALLOT CONVENIENTLY A PLURALITY OF MNIDS FOR THE PURPOSE OF INCREASING THE NUMBER OF THE USER-IDS WHICH CAN BE ALLOTTED TO ONE PIECE OF MN.
2			2	
3			3	
1			1	
5			2	
4			3	
5	1002	35	4	2) IN THE PRESENT SYSTEM, IT IS POSSIBLE TO ALLOT CONVENIENTLY A PLURALITY OF MNIDS FOR THE PURPOSE OF INCREASING THE NUMBER OF THE USER-IDS WHICH CAN BE ALLOTTED TO ONE PIECE OF MN.
5			5	
3			6	
2			1	
3			2	
1			3	

FIG.8

DESTINATION MNID (OMSID)	OWN STATION MNID	User-ID	PPP path ID	REMARKS
1001	35	1	1	1) IN THE PRESENT SYSTEM, IT IS POSSIBLE TO ALLOT CONVENIENTLY A PLURALITY OF OMSIDS FOR THE PURPOSE OF INCREASING THE NUMBER OF USER-IDS WHICH CAN BE ALLOTTED TO ONE PIECE OF OMS.
		2	2	
		3	3	
		4	4	
		5	5	
		6	6	
1002	261	1	7	2) IN THE PRESENT SYSTEM, IT IS POSSIBLE TO ALLOT CONVENIENTLY A PLURALITY OF MNIDS FOR THE PURPOSE OF INCREASING THE NUMBER OF THE USER-IDS WHICH CAN BE ALLOTTED TO ONE PIECE OF MN.
		2	8	
		3	9	
		1	10	
		2	11	
		3	12	
	35	4	13	
		5	14	
		6	15	
		1	16	
		2	17	
		3	18	

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MSB								LSB								
8	7	6	5	4	3	2	1	Octet								
0		0	0	0	0	0	0	1					User-ID			
													0			
0		0	0	0	0	0	0	2					DESTINATION MN-ID			
													0			
0		0	0	0	0	0	0	3					ORIGINATING MN-ID			
													0			
0		0	0	0	0	0	0	4					CT			
													EMS			
0		0	0	0	0	0	0	5					HFC			
													0			

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FIG.10

Tree-ID 1	User-ID 8
DESTINATION MN-ID 1002	
DESTINATION MN-ID	ORIGINATING MN-ID 11
ORIGINATING MN-ID	CT EMS 0

T05201*6055E001

FIG.11
 (a)

Tree-ID 1	User-ID 8
DESTINATION MN-ID 1002	
DESTINATION MN-ID	ORIGINATING MN-ID 11
ORIGINATING MN-ID	CT
	EMS 0

(b)

Tree-ID 2	User-ID 8
DESTINATION MN-ID 1002	
DESTINATION MN-ID	ORIGINATING MN-ID 11
ORIGINATING MN-ID	CT
	EMS 0

FIG.11 (a)

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FIG.12

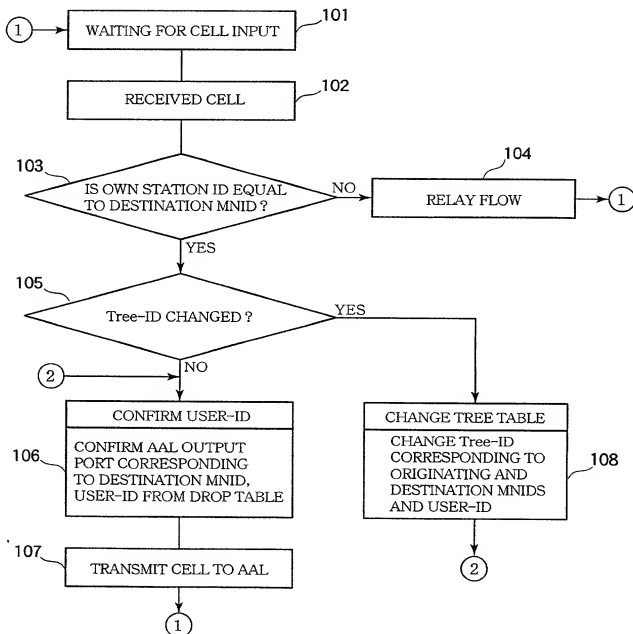
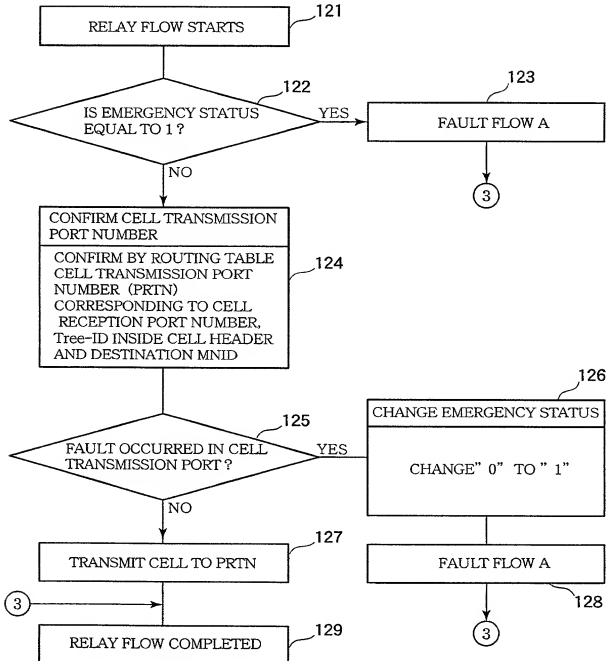
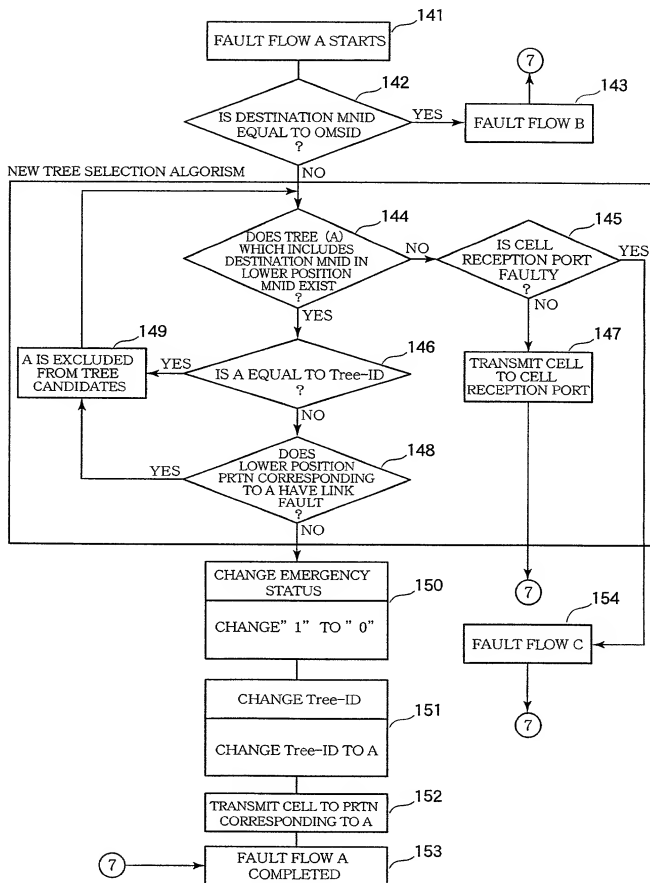


FIG.13



10035506, 102501

FIG.14



10035509.102501

FIG.15

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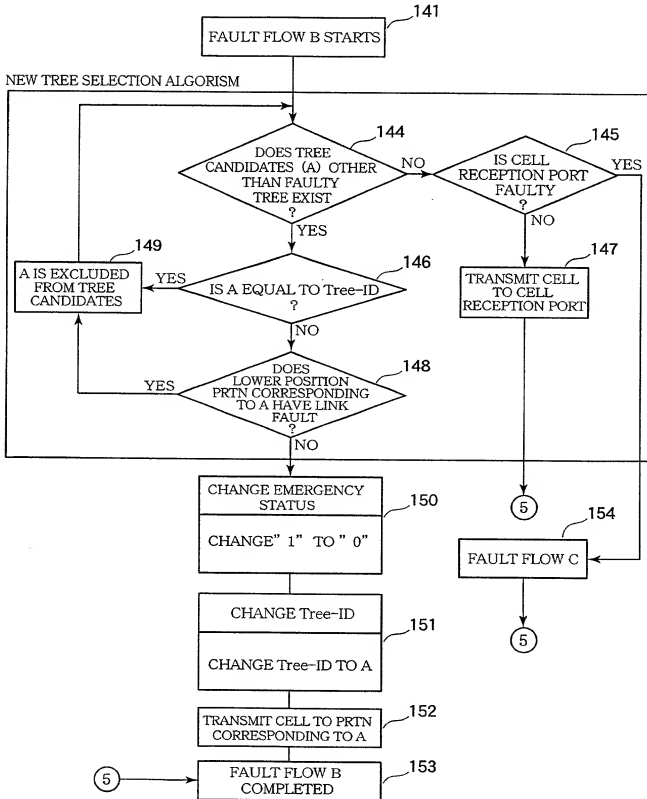


FIG.16

